



Data Archiver – Product Overview

Overview

Data Archiver is an advanced and sophisticated record purging and archiving product for the iSeries. Keeping old, unneeded data in your ERP system database files slows down all your systems as records are continually being processed and rejected by the application programs. Purging your data can also result in dramatic disk storage requirement reductions. Data Archiver is an add on to our RouteOne product and can store archived records either in separate iSeries database files or in any PC format such as SQL server, MySql, Access, Excel etc.

Methodology

To archive data from any iSeries table it is necessary to create a purge definition. This specifies the file that records are to be purged from, any additional files to be referenced for decision making, and the criteria used for selecting the records to be purged. The definition can then be scheduled to be run as and when required, even when users are logged on to the relevant application system. They can be placed into a job scheduler for regular processing, can be called from within user programs or run in an ad hoc way from the command line or user menus.

Data Archiver integrates fully with our PciRoute product to allow the restoring of records either to the original file they came from or to a different location completely.

Multiple archive requests can be scheduled by creating a procedure. This will ensure that needed purges take place at the correct time to ensure database integrity.

An example

A typical scenario would be to purge records from a sales order/invoicing application. The steps needed within Data Archiver would typically be something like the following:-

- 1) Create a definition that purges any order headers that are over 1 year old and where the corresponding invoice in the accounts receivable system has been paid.
- 2) Create a second definition that then purges any order lines where the order header record no longer exists.
- 3) A third definition could then be created that deletes records from the invoice files if they have been paid more than, say, two years ago and no sales order details exist
- 4) A procedure would be created and scheduled that runs the three definitions in the correct order.